

AMENDMENTS TO THE CLAIMS:

Please cancel Claims 3, 6, 7 and 12 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 1, 2, and 4 as follows:

1. (Currently Amended) An information processing system including first and second devices which ~~connect to each other via a communication control bus~~ are connected to each other via an IEEE 1394 connection,

wherein ~~said the~~ first device comprises first and second data buffers and ~~a~~ a transmission means for transmitting ~~unit that transmits,~~ to ~~said the~~ second device, ~~a command~~ a first operation request block which designates ~~processing a data communication~~ to be performed with ~~said the~~ first data buffer and ~~processing a data communication~~ to be performed with ~~said the~~ second data buffer,

wherein ~~said the~~ second device comprises ~~a~~ a completion notifying means for notifying ~~said unit that notifies the~~ first device that ~~[[a]] the data communication for said to be performed with the first data buffer has been completed, and that notifies the first device that the data communication to be performed with the second data buffer has been completed.~~

wherein ~~said the~~ first device further comprises ~~an~~ an update means for updating ~~said unit that updates the~~ first data buffer for which the data communication has been completed~~[[,]]~~ in accordance with the notification by ~~said completion notifying means~~ the completion notifying

unit, and that updates the second data buffer for which the data communication has been completed in accordance with the notification by the completion notifying unit, and

wherein said the transmission means unit transmits, to said the second device, another command a second operation request block which designates processing the data communication to be performed with said the first data buffer updated by said the update means unit and processing the data communication to be performed with said the second data buffer which is not updated by said the update means unit, even if the data communication for said the second data buffer has not been completed, and

wherein the second device further comprises a recognizing unit that recognizes, in accordance with the second operation request block, that the first data buffer should be used for a new data communication and that the second data buffer should be used for the data communication already designated by the first operation request block.

2. (Currently Amended) A communication method for communicating between first and second devices which ~~connect to each other via a~~ are connected to each other via an IEEE 1394 connection, communication control bus; said the method comprising:

a transmission step of transmitting from said the first device to said the second device a command a first operation request block which designates processing a data communication to be performed with a first data buffer and processing a data communication to be performed with a second data buffer in said the first device;

a completion notifying step of notifying ~~said the~~ first device that [[a]] the data communication for the first data buffer has been completed, and of notifying the first device that the data communication for the second data buffer has been completed; and

an updating step of; ~~in accordance with the notification in said completion notifying step;~~ updating the first data buffer for which the data communication has been completed in accordance with the notification in the completion notifying step, and of updating the second data buffer for which the data communication has been completed in accordance with the notification in the completion notifying step.

wherein in ~~said the~~ transmission step, ~~another command~~ a second operation request block which designates processing the data communication to be performed with the updated first data buffer and processing the data communication to be performed with the second data buffer which is not updated is transmitted from ~~said the~~ first device to ~~said the~~ second device even if the data communication for the second data buffer has not been completed, and

wherein the second device further comprises a recognizing unit of recognizing, in accordance with the second operation request block, that the first data buffer should be used for a new data communication and that the second data buffer should be used for the data communication already designated by the first operation request block.

3. (Cancelled)

4. (Currently Amended) The method according to claim 2, wherein ~~said~~ the transmission step includes a step of transmitting the ~~command~~ first operation request block which contains a plurality of pieces of identification information respectively indicating the first and second data buffers, and commands respectively for the first and second data buffers.

5. (Previously Presented) The method according to claim 2, further comprising a data communication step of writing data to the first data buffer or reading data from the first data buffer.

6 - 13. (Cancelled)